

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date
24 February 2005 (24.02.2005)

PCT

(10) International Publication Number
WO 2005/018124 A1

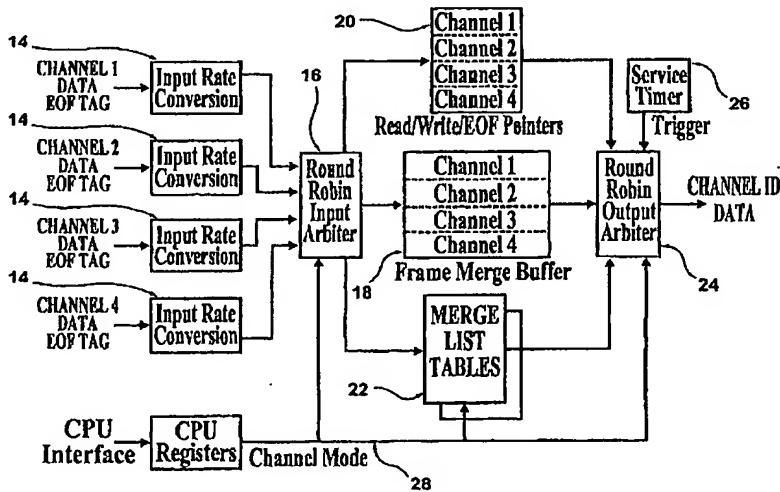
- (51) International Patent Classification⁷: H04J 3/24 (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (21) International Application Number: PCT/GB2004/003498
- (22) International Filing Date: 13 August 2004 (13.08.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data: 60/495,133 15 August 2003 (15.08.2003) US
- (71) Applicant (for all designated States except US): XYRATEX TECHNOLOGY LIMITED [GB/GB]; Langstone Road, Havant, Hampshire PO9 1SA (GB).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): DRIES, William, Mark [GB/GB]; Xyratex Technology Limited, Langstone Road, Havant, Hampshire PO9 1SA (GB). RICKARD, Kathryn, Elizabeth [GB/GB]; Elder Cottage, St Andrew's Close, Timsbury, Romsey, Hampshire SO51 0NA (GB).
- (74) Agent: FREEMAN, Avi; Beck Greener, Fulwood House, 12 Fulwood Place, London WC1V 6HR (GB).
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: A DATA MERGE UNIT, A METHOD OF PRODUCING AN INTERLEAVED DATA STREAM, A NETWORK ANALYSER AND A METHOD OF ANALYSING A NETWORK



(57) Abstract: A data merge unit is provided for providing an interleaved data stream, the data stream including data frames received on two or more input channels, wherein data frames from each of the two or more input channels are arranged in time-slots of the interleaved data stream. The data merge unit comprises an input unit to receive data frames from two or more input channels, a frame merge buffer arranged to receive data frames from the two or more input channels via the input unit and store said data frames; and, an output generator to generate the interleaved data stream, the output generator being configured to select complete data frames from the frame merge buffer and arrange said complete data frames in the interleaved data stream.